

Title (en)
OVERLOAD CLUTCH

Title (de)
ÜBERLASTKUPPLUNG

Title (fr)
ACCOUPLEMENT DE SURCHARGE

Publication
EP 3951203 B1 20231115 (DE)

Application
EP 20189330 A 20200804

Priority
EP 20189330 A 20200804

Abstract (en)
[origin: US2022042552A1] An overload clutch, for example a slip clutch, for the transmission of a torque limited in its strength, acting about a torque axis, from a driving part, for example a transmission of a drive shaft of a wind turbine, to an driven part situated, in particular, axially downstream, for example a drive train of a generator, having: at least one first body connected to either the driving part or the driven part in a torque-resistant manner, and at least one second body correspondingly connected to the other part in a torque-resistant manner, i.e. the driven part or the driving part, respectively, wherein the second body has a plurality of frictional elements biased against frictional counterparts on the first body along at least one biasing axis while forming a frictional engagement between the first body and the second body, wherein the frictional elements are supported in frictional element seats within the second body to be moveable, in particular displaceable, along the biasing axis.

IPC 8 full level
F16D 7/02 (2006.01)

CPC (source: CN EP US)
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